EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("7122261").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/12 10:47
S1	1	("20070031325").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 15:49
S2	3	(("5082481") or ("5518528") or ("6089027")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 16:08
S3	7	(("5082481") or ("5518528") or ("6089027") or ("6746645") or ("6491866") or ("6193929") or ("5653951")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 16:08
S4	2	S3 and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 16:08
S5	2	S3 and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 16:09
S6	1	("6089027").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 16:19
S7	1	S6 and sorbate same adsor$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 16:19
S8	1	("5518528").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/29 16:20
S9	1	S8 and sorbate same adsor$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 16:20
S10	1	S8 and sorbate same3 adsor$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 16:21
S11	1	S8 and decompos$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 16:21
S12	1	S8 and sorbate same2 adsor$5 and decompos$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 16:21

S13	1	("5518528").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/07 11:45
S14	0	S13 and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:46
S15	0	S13 and permea$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:46
S16	7	(("5082481") or ("5518528") or ("6089027") or ("6746645") or ("6491866") or ("6193929") or ("5653951")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/07 11:48
S17	2	S16 and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:48
S18	2	S16 and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:48
S19	1	S17 and S18	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:48
S20	1	("6089027").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/07 11:56
S21	1	S20 and decomp$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:56
S22	93	("1659263" | "1679826" | "2047339" | "2354283" | "2502588" | "2553486" | "2615287" | "2707484" | "2793504" | "3388962" | "3590860" | "3699998" | "3791412" | "3972346" | "3994674" | "4173986" | "4485739" | "4624443" | "4694860" | "4744221" | "4793379" | "4836242" | "5230359" | "5233837" | "5289690" | "5303734" | "5409526" | "5518528" | "5547229" | "5566713" | "5595209" | "5645192" | "5673562" | "5678602" | "5685159" | "5692381" | "5694975" | "5752544" | "5762086" | "5901557").PN. OR ("6089027").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:56

S23	0	S20 and collect$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 11:57
S24	1	S20 and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:00
S25	11	S22 and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:01
S26	2	S22 and membrane and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:05
S27	3	(("5518528") or ("5704965") or ("5704967")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/07 12:06
S28	0	S27 and membrane and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:06
S29	4490840	@ad<"20031014"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:14
S30	4	S29 and membrane and sorbate with (adsor$7 and decomp$7)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:15
S31	15	S29 and membrane with gas with permea$7 and sorbate with adsor$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:20
S32	12	S29 and membrane with (hydrogen or gas) with permea$7 and (sorbate or silane or germane or stibine or diborane) with adsor$7 and decomp$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:23
S33	856	S29 and (sorbate or silane or germane or stibine or diborane) with adsor$7 and (hydride or silica or carbon near2 sieve or alumina or macroreticulate or kieselguhr or aluminosilicate or membrane near2 hydrogen or perfluorosulfonic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:38
S34	159	S29 and (sorbate or silane or germane or stibine or diborane) with adsor$7 and hydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:38
S35	18	S29 and (sorbate or silane or germane or stibine or diborane) with adsor$7 and hydride and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:38

S36	0	S29 and sorbate and (silane or germane or stibine or diborane) with adsor$7 and hydride and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:39
S37	6	S29 and sorbate with adsor $7 and hydride and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:39
S38	1	S13 and (hydride or silica or carbon near2 sieve or alumina or macroreticulate or kieselguhr or aluminosilicate or membrane near2 hydrogen or perfluorosulfonic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:40
S39	11067465	@pd< "20021014"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:41
S40	7	(US-20040187683-$).did. or (US-5518528-$ or US-6716271-$ or US-6132492-$ or US-6110257-$ or US-6101816-$ or US-6089027-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/07 12:42
S41	5	S40 and S39	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:42
S42	4	S41 and membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:43
S43	0	S41 and membrane with decomp$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:45
S44	1	S41 and membrane with decomp$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:45
S45	41	(carruthers or arno).in. and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:49
S46	5	(carruthers or arno).in. and sorbate and S39	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 12:49
S47	2	S40 and membrane not S41	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:08
S48	2	(("6214089") or ("6224677")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/07 13:13
S49	1	S48 and (sorbate or membrane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:14

S50	1	S48 and (sorbate or silane or germane or stibine or diborane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:14
S51	5	S41 and hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:16
S52	15	S29 and sorbate with (adsor$7 or desor$7) and (generat$7 or collect$4) with hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:18
S53	3	(("3720042") or ("4077779")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/07 13:23
S54	0	S53 and sorbate and hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:23
S55	0	S29 and sorbic with (adsor$7 or desor$7) and (generat$7 or collect$4) with hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:24
S56	197	S29 and sorb$3 with (adsor$7 or desor$7) and (generat$7 or collect$4) with hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:24
S57	182	S29 and sorb$3 with (adsor$7 or desor$7) and (generat$7 or collect$4) with hydrogen not S52	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:24
S58	27	S29 and sorb$3 near2 gas with (adsor$7 or desor$7) and (generat$7 or collect$4) with hydrogen not S52	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:25
S59	9	(US-20040187683-$ or US-20020112479-$).did. or (US-5518528-$ or US-6716271-$ or US-6132492-$ or US-6110257-$ or US-6101816-$ or US-6089027-$ or US-4705541-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/07 13:34
S60	7	S59 and dispens$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:34
S61	7	(US-20020112479-$).did. or (US-5518528-$ or US-6132492-$ or US-6110257-$ or US-6101816-$ or US-6089027-$ or US-4705541-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/07 13:35
S62	5	S61 and dispens$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:35

S63	1	S13 and decomp$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 13:55
S64	1	("6132492").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/07 14:03
S65	1	S64 and (stor$4 or dispens$4 or decomp$4 or membrane or hydrogen)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:03
S66	1	S64 and hydride same (silane or germane or stibine or diborane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:27
S67	1	S64 and (silica or sieve or alumina or macroreticulate or kieselguhr or carbon or aluminosilicate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:31
S68	0	S64 and perfluorosulfonic	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:34
S69	0	S64 and modif$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:34
S70	1	S64 and (phosphoric or dope$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:35
S71	1	S64 and (phosphor$4 same2 dope$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:36
S72	0	S64 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:37
S73	1	S64 and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:43
S74	1	S64 and pressure and heat $4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:48
S75	1	S64 and room temperature	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:53
S76	1	S64 and temperature	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:53
S77	0	S64 and temperature with decompos$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:54
S78	0	S64 and temperature same decompos$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:54

S79	0	S64 and temperature same decomp$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:54
S80	1	S64 and temperature same3 decomp$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:54
S81	1	S64 and hydrogen with metal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:55
S82	1	S64 and hydrogen same metal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:56
S83	1	S64 and hydrogen with decomp$7 same hydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:56
S84	1	S64 and (silicon or germanium or boron or antimony)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 14:59
S85	7	(US-20020112479-$).did. or (US-5518528-$ or US-6132492-$ or US-6110257-$ or US-6101816-$ or US-6089027-$ or US-4705541-$).did.	US-PGPUB; USPAT	ADJ	ON	2009/09/07 15:04
S86	0	S85 and perfluorosulfonic	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:04
S87	0	S85 and $3fluro$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:05
S88	0	S85 and $3fluoro$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:05
S89	0	S85 and boric acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:11
S90	0	S29 and boric acid with dop$3 with carbon with adsor$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:13
S91	1	boric acid with dop$3 with carbon with adsor$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:13
S92	4	boric acid with dop$3 with (adsor$7 or sorb$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:14
S93	2422	boric acid with (adsor$7 or sorb$4) not S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:15
S94	22	S29 and boric acid with (adsor$7 or sorb$4) with carbon not S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:15

S95	1	S29 and boric acid with (adsor$7 or sorb$4) with carbon and (generat$7 or collect$4) with hydrogen not S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:16
S96	417	S29 and boric acid with (adsor$7 or sorbent) not S92 not S94	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:19
S97	22	S29 and boric acid with (adsor$7 or sorbent) and hydrogen with (collect$4 or generat$4) not S92 not S94	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:19
S98	952	S29 and perfluorosulfonic with membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:27
S99	374	S29 and perfluorosulfonic with membrane and (generat$4 or collect$4) with hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:27
S100	282	S29 and perfluorosulfonic with membrane and (generat$4 or collect$4) with hydrogen and membrane with hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:27
S101	282	S29 and perfluorosulfonic with membrane and (generat$4 or collect$4) with hydrogen and membrane with hydrogen not (vinegar or wellington). in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:27
S102	49	S29 and perfluorosulfonic with membrane with hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:28
S103	0	S29 and perfluorosulfonic with membrane with hydrogen and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:28
S104	0	S29 and perfluorosulfonic with membrane and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:28
S105	0	S29 and perfluorosulfonic with membrane and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:28
S106	18	S29 and perfluorosulfonic with membrane and (sorbate or silane or germane or stibine or diborane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:28

S107	0	S29 and perfluorosulfonic with membrane with hydrogen and (sorbate or silane or germane or stibine or diborane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:29
S108	0	S29 and perfluorosulfonic with membrane same (sorbate or silane or germane or stibine or diborane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:29
S109	6	S29 and perfluorosulfonic with membrane with hydrogen not fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:33
S110	1	S85 and fuel cell and sorbate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:40
S111	678	423/658.2.ccls. or 422/243. ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:53
S112	12	(advance technology materials.as. or (carruthers or arno).in.) and sorbate and membrane and hydrogen	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/07 15:54
S113	1	("6132492").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 10:53
S114	1	S113 and (phosphor$4 same2 dope$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/23 10:53
S115	1	(gaseous hydride or silane or germane or stibine or diborane) with (form or forming or forma$4) near2 (hydrogen or "h.sub.2") and (hydrogen or "h.sub.2") with permea$4 with membrane and adsorbent with (dope or doped or phosphoric)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 23:46
S116	1	(gaseous hydride or silane or germane or stibine or diborane) with (form or forming or forma$4 or generat$4 or make or making or produc$4) near2 (hydrogen or "h.sub.2") and (hydrogen or "h.sub.2") with permea$4 with membrane and adsorbent with (dope or doped or phosphoric)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 23:48

S117	1183	(gaseous hydride or silane or germane or stibine or diborane) with (form or forming or forma$4 or generat$4 or make or making or produc$4) near2 (hydrogen or "h.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 23:49
S118	88	(gaseous hydride or silane or germane or stibine or diborane) with (form or forming or forma$4 or generat$4 or make or making or produc$4) near2 (hydrogen or "h.sub.2") and phosphoric acid	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 23:52
S119	1	(gaseous hydride or silane or germane or stibine or diborane) with (form or forming or forma$4 or generat$4 or make or making or produc$4) near2 (hydrogen or "h.sub.2") and phosphoric acid with (doped or dope or doping)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 23:52
S120	2	(gaseous hydride or silane or germane or stibine or diborane) with (form or forming or forma$4 or generat$4 or make or making or produc$4) near2 (hydrogen or "h.sub.2") and (hydrogen or "h.sub.2") with permea$4 with membrane and adsorbent	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 23:53
S121	4	(gaseous hydride or silane or germane or stibine or diborane) with (form or forming or forma$4 or generat$4 or make or making or produc$4) near2 (hydrogen or "h.sub.2") and (hydrogen or "h.sub.2") with permea$4 with membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/25 23:54
S122	2	(("5528518") or ("6089027")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/05 10:44
S123	7	(US-20020112479-$).did. or (US-5518528-$ or US-6132492-$ or US-6110257-$ or US-6101816-$ or US-6089027-$ or US-4705541-$).did.	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:51

S124	3	S123 and (generat$4 or produc$4) with (hydrogen or "h.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 10:51
S125	1	("6132492").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/05 10:57
S126	1	S125 and (phosphoric or dope$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 10:57
S127	1	S125 and (sorbent or adsorb$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:02
S128	1	S125 and (sorbent or adsorb$4 or chemisorbent)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:03
S129	1	("4761395").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/05 11:05
S130	0	S129 and (phosphoric or dope$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:05
S131	1	S125 and (sorbent or adsorb$4 or chemisorbent) with (phosphor$4 or dop $3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:07
S132	1	S125 and (sorbent or adsorb$4 or chemisorbent) same (phosphor$4 or dop $3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:08
S133	475	423/658.2.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:09
S134	5092	(423/644-658.3).ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:10
S135	877	422/88.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:11
S136	16018	422/243-309.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:12
S137	611	95/45.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:13
S138	7831	95/43-56,90-148,900-903. ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:14
S139	0	S134 and S136 and S138	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:14

S140	28784	S134 or S136 or S138	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:14
S141	139	S140 and (sorbent or adsorb$4 or chemisorbent) with (phosphor$4 or dop$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:15
S142	61	S141 and (generat$4 or produc$4) with (hydrogen or "h.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:15
S143	6226	S140 and (generat$4 or produc$4) with (hydrogen or "h.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:16
S144	61	S142 and (sorbent or adsorb$4 or chemisorbent) with (phosphor$4 or dop$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:16
S145	1	("20050172803").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/05 11:20
S146	1	S140 and (sorbent or adsor$5) with dop$3 with phosphor$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:23
S147	34	S140 and dop$3 with phosphor$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:23
S148	50	(sorbent or adsor$5) with dop$3 with phosphor$4 not S146	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:26
S149	13	S148 and (generat$4 or produc$4) with (hydrogen or "h.sub.2")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:27
S150	52	(sorbent or adsor$5) with dop$3 with (phosphor$4 or "ph.sub.3") not S146	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:31
S151	2	(sorbent or adsor$5) with dop$3 with (phosphor$4 or "ph.sub.3") not S146 not S148	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:31
S152	15	(sorbent or adsor$5) with dop$3 with (phosphor$4 or "ph.sub.3") same (hydrogen or "h.sub.2") not S146	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:31
S153	551	(sorbent or adsor$5) with (phosphor$4 or "ph.sub.3") same (hydrogen or "h.sub.2") not S146 not S152	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:33

S154	13	(sorbent or adsor$5) with (phosphor$4 or "ph.sub.3") same (generat$4 or produc$4) (hydrogen or "h.sub.2") not S146 not S152	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:33
S155	144	(sorbent or adsor$5) with (phosphor$4 or "ph.sub.3") same (generat$4 or produc$4) with (hydrogen or "h.sub.2") not S146 not S152	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:34
S156	31	(sorbent or adsor$5) with (phosphor$4 or "ph.sub.3") same (generat$4 or produc$4) near2 (hydrogen or "h.sub.2") not S146 not S152	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:36
S157	18	(sorbent or adsor$5) with (phosphor$4 or "ph.sub.3") same (generat$4 or produc$4) near2 (hydrogen or "h.sub.2") not S146 not S152 not S154	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:36
S158	1	S140 and (sorbent or adsor$5) with dop$3 with (phosphor$4 or "ph.sub.3")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/05 11:38
S159	10	(US-20020112479-$ or US-20050172803-$ or US-20050005765-$ or US-20050000354-$).did. or (US-5518528-$ or US-6132492-$ or US-6110257-$ or US-6101816-$ or US-6089027-$ or US-4705541-$).did.	US-PGPUB; USPAT	ADJ	ON	2010/04/08 16:38
S160	6	S159 and hydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 16:38

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S161	8318	(hydride).clm.	USPAT; UPAD	ADJ	ON	2010/04/08 17:41
S162	249238	(hydrogen or "h.sub.2").clm.	USPAT; UPAD	ADJ	ON	2010/04/08 17:41
S163	266122	(vessel or tank or container).clm.	USPAT; UPAD	ADJ	ON	2010/04/08 17:42
S164	4387	(permea$4 near membrane).clm.	USPAT; UPAD	ADJ	ON	2010/04/08 17:42
S165	16542	(phosphoric acid or "ph.sub.3").clm.	USPAT; UPAD	ADJ	ON	2010/04/08 17:42
S166	15767	(decompos$4).clm.	USPAT; UPAD	ADJ	ON	2010/04/08 17:43

| S167 | 0 | S161 and S162 and S163 and S164 and S165 and S166 | USPAT; UPAD | ADJ | ON | 2010/04/08 17:43 |
| S168 | 0 | S161 and S162 and S163 and S164 and S165 | USPAT; UPAD | ADJ | ON | 2010/04/08 17:44 |

4/12/2010 10:48:06 AM
C:\ Documents and Settings\ iakram\ My Documents\ EAST\ Workspaces\ Hydrogen Generation.
wsp